

Substitute for form 1449/PTO

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/676,474
Filing Date	September 30, 2003
First Named Inventor	Klimenty VAINSTEIN
Art Unit	2435
Examiner Name	Zee, Edward
Attorney Docket Number	2222.5450000

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U.S. PATENT DOCUMENTS

Examiner initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code 2 (if known)			
	US1	4,238,854	12-09-1980	Ehrsam et al.	
	US2	4,423,387	12-27-1983	Sempel	
	US3	4,887,204	12-12-1989	Johnson et al.	
	US4	4,912,552	03-27-1990	Allison et al.	
	US5	5,212,788	05-18-1993	Lomet et al.	
	US6	5,434,918	07-18-1995	Kung et al.	
	US7	5,461,710	10-24-1995	Bloomfield et al.	
	US8	5,467,342	11-14-1995	Logston et al.	
	US9	5,497,422	03-05-1996	Tysen et al.	
	US10	5,619,576	04-08-1997	Shaw	
	US11	5,638,501	06-10-1997	Gough et al.	
	US12	5,640,388	06-17-1997	Woodhead et al.	
	US13	5,661,668	08-26-1997	Yemini et al.	
	US14	5,682,537	10-28-1997	Davies et al.	
	US15	5,689,688	11-18-1997	Strong et al.	
	US16	5,719,941	02-17-1998	Swift et al.	
	US17	5,745,750	04-28-1998	Porcaro	
	US18	5,768,381	06-16-1998	Hawthorne	
	US19	5,778,350	07-07-1998	Adams et al.	
	US20	5,781,711	07-14-1998	Austin et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	FP1	JP 2006-244044 A	09-14-2006	Fuji Xerox Co. Ltd.		T
	FP2	JP 2009-020720 A	01-29-2009	SKY KK		T
	FP3					
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U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
	US21	5,790,790	08-04-1998	Smith et al.	
	US22	5,850,443	12-15-1998	Van Oorschot et al.	
	US23	5,978,802	11-02-1999	Hurvig	
	US24	6,011,847	01-04-2000	Follendore, III	
	US25	6,031,584	02-29-2000	Gray	
	US26	6,035,404	03-07-2000	Zhao	
	US27	6,070,244	05-30-2000	Orchier et al.	
	US28	6,148,338	11-14-2000	Lachelt et al.	
	US29	6,199,070 B1	03-06-2001	Polo-Wood et al.	
	US30	6,249,755 B1	06-19-2001	Yemini et al.	
	US31	6,266,420 B1	07-24-2001	Langford et al.	
	US32	6,289,458 B1	09-11-2001	Garg et al.	
	US33	6,299,069 B1	10-09-2001	Shona	
	US34	6,314,408 B1	11-06-2001	Salas et al.	
	US35	6,385,644 B1	05-07-2002	Devine et al.	
	US36	6,405,318 B1	06-11-2002	Rowland, Craig H.	
	US37	6,408,404 B1	06-18-2002	Ladwig, Michael D.	
	US38	6,453,419 B1	09-17-2002	Flint et al.	
	US39	6,466,476 B1	10-15-2002	Wong et al.	
	US40	6,487,662 B1	11-26-2002	Kharon et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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		Number-Kind Code ² (if known)			
	US41	6,574,733 B1	06-03-2003	Langford	
	US42	6,601,170 B1	07-29-2003	Wallace, Jr.	
	US43	6,625,734 B1	09-23-2003	Marvit et al.	
	US44	6,683,954 B1	01-27-2004	Searle et al.	
	US45	6,693,652 B1	02-17-2004	Barrus et al.	
	US46	6,698,022 B1	02-24-2004	Wu, Mengjin	
	US47	6,751,573 B1	06-15-2004	Burch	
	US48	6,754,657 B2	06-22-2004	Lomet	
	US49	6,754,665 B1	06-22-2004	Futagami et al.	
	US50	6,779,031 B1	08-17-2004	Picher-Dempsey	
	US51	6,816,969 B2	11-09-2004	Miyazaki et al.	
	US52	6,842,825 B2	01-11-2005	Geiner et al.	
	US53	6,862,103 B2	03-01-2005	Miura et al.	
	US54	6,870,920 B2	03-22-2005	Henits	
	US55	6,877,010 B2	04-05-2005	Smith-Semedo et al.	
	US56	6,882,994 B2	04-19-2005	Yoshimura et al.	
	US57	6,892,306 B1	05-10-2005	En-Seung et al.	
	US58	6,898,627 B1	05-24-2005	Sekiguchi	
	US59	6,915,425 B2	07-05-2005	Xu et al.	
	US60	6,915,435 B1	07-05-2005	Merriam	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Substitute for form 1449/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known	
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		Number-Kind Code ² (if known)			
	US61	6,922,785 B1	07-26-2005	Brewer et al.	
	US62	6,924,425 B1	08-02-2005	Naples et al.	
	US63	6,938,156 B1	08-30-2005	Wheeler et al.	
	US64	6,961,855 B2	11-01-2005	Rich et al.	
	US65	6,968,456 B1	11-22-2005	Tripathi et al.	
	US66	6,978,366 B1	12-20-2005	Ignatchenko et al.	
	US67	6,987,752 B1	01-17-2006	Falco et al.	
	US68	7,000,150 B1	02-14-2006	Zunino et al.	
	US69	7,010,689 B1	03-07-2006	Matyas et al.	
	US70	7,010,809 B1	03-07-2006	Hori et al.	
	US71	7,043,637 B1	05-09-2006	Bolosky et al.	
	US72	7,047,404 B1	05-16-2006	Doonan et al.	
	US73	7,103,911 B2	09-05-2006	Spies et al.	
	US74	7,107,185 B1	09-12-2006	Yemini et al.	
	US75	7,113,594 B2	09-26-2006	Boneh et al.	
	US76	7,116,785 B2	10-03-2006	Okaue	
	US77	7,126,957 B1	10-24-2006	Isukapalli et al.	
	US78	7,139,399 B1	11-21-2006	Zimmermann	
	US79	7,140,044 B1	11-21-2006	Redlich et al.	
	US80	7,168,094 B1	01-23-2007	Fredell	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	FP19					
	FP20					
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	FP24					
	FP25					
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		Number-Kind Code ² (if known)			
	US81	7,177,839 B1	02-13-2007	Claxton et al.	
	US82	7,197,638 B1	03-27-2007	Grawrock et al.	
	US83	7,249,251 B2	07-24-2007	Todd et al.	
	US84	7,281,272 B1	10-09-2007	Rubin et al.	
	US85	7,287,058 B2	10-23-2007	Loveland et al.	
	US86	7,359,517 B1	04-15-2008	Rowe	
	US87	7,362,868 B1	04-22-2008	Madoukh et al.	
	US88	7,386,599 B2	06-10-2008	Piersol et al.	
	US89	7,401,220 B2	07-15-2008	Bolosky et al.	
	US90	7,406,596 B2	07-29-2008	Tararukhina et al.	
	US91	7,415,608 B2	08-19-2008	Bolosky et al.	
	US92	7,434,048 B2	10-07-2008	Shapiro et al.	
	US93	7,454,612 B2	11-18-2008	Bolosky et al.	
	US94	7,461,157 B2	12-02-2008	Ahlard et al.	
	US95	7,461,405 B2	12-02-2008	Boudreault et al.	
	US96	7,478,243 B2	01-13-2009	Bolosky et al.	
	US97	7,478,418 B2	01-13-2009	Supramaniam et al.	
	US98	7,496,959 B2	02-24-2009	Adelstein et al.	
	US99	7,509,492 B2	03-24-2009	Boyen et al.	
	US100	7,512,810 B2	03-31-2009	Ryan	

FOREIGN PATENT DOCUMENTS

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	FP25					
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		Number-Kind Code ² (if known)			
	US101	7,539,867 B2	05-26-2009	Bolosky et al.	
	US102	7,555,558 B2	06-30-2009	Kenrich et al.	
	US103	7,562,232 B2	07-14-2009	Zuili et al.	
	US104	7,565,683 B2	07-21-2009	Huang et al.	
	US105	7,631,184 B2	12-08-2009	Ryan	
	US106	7,681,034 B2	03-16-2010	Lee et al.	
	US107	7,698,230 B1	04-13-2010	Brown et al.	
	US108	7,702,909 B2	04-20-2010	Vainstein	
	US109	7,703,140 B2	04-20-2010	Nath et al.	
	US110	7,707,427 B2	04-27-2010	Kenrich et al.	
	US111	7,729,995 B2	06-01-2010	Rossmann et al.	
	US112	7,730,543 B2	06-01-2010	Nath et al.	
	US113	7,748,045 B2	06-29-2010	Kenrich et al.	
	US114	2001/0000265 A1	04-12-2001	Schreiber et al.	
	US115	2001/0018743 A1	08-30-2001	Takuya	
	US116	2001/0021255 A1	09-13-2001	Ishibashi	
	US117	2001/0023421 A1	09-20-2001	Numao et al.	
	US118	2001/0033611 A1	10-25-2001	Grimwood et al.	
	US119	2001/0042110 A1	11-15-2001	Furusawa et al.	
	US120	2001/0056541 A1	12-27-2001	Matsuzaki et al.	

FOREIGN PATENT DOCUMENTS

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		Number-Kind Code 2 (if known)			
	US121	2001/0150239 A1	10-01-2002	Carny et al.	
	US122	2002/0003886 A1	01-10-2002	Hillegass et al.	
	US123	2002/0007335 A1	01-17-2002	Millard et al.	
	US124	2002/0013772 A1	01-31-2002	Peinado	
	US125	2002/0016921 A1	02-07-2002	Olsen et al.	
	US126	2002/0023208 A1	02-21-2002	Jancula	
	US127	2002/0026321 A1	02-28-2002	Faris et al.	
	US128	2002/0027886 A1	03-07-2002	Fischer et al.	
	US129	2002/0029340 A1	03-07-2002	Pensak et al.	
	US130	2002/0036984 A1	03-28-2002	Chiussi et al.	
	US131	2002/0041391 A1	04-11-2002	Bannai	
	US132	2002/0042756 A1	04-11-2002	Kumar et al.	
	US133	2002/0052981 A1	05-02-2002	Yasuda	
	US134	2002/0062451 A1	05-23-2002	Scheidt et al.	
	US135	2002/0078239 A1	06-20-2002	Howard et al.	
	US136	2002/0078361 A1	06-20-2002	Giroux et al.	
	US137	2002/0089602 A1	07-11-2002	Sullivan, Gary J.	
	US138	2002/0091532 A1	07-11-2002	Viets et al.	
	US139	2002/0091745 A1	07-11-2002	Ramamurthy et al.	
	US140	2002/0091928 A1	07-11-2002	Bouchard et al.	

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		Number-Kind Code ² (if known)			
	US141	2002/0093527 A 1	07-18-2002	Sherlock et al.	
	US142	2002/0112035 A1	08-15-2002	Carey et al.	
	US143	2002/0120851 A 1	08-29-2002	Clarke, John Richard	
	US144	2002/0129158 A1	09-12-2002	Zhang et al.	
	US145	2002/0133500 A1	09-19-2002	Arlein et al.	
	US146	2002/0138571 A 1	09-26-2002	Trinon et al.	
	US147	2002/0152302 A1	10-17-2002	Motoyama et al.	
	US148	2002/0162104 A1	10-31-2002	Raika et al.	
	US149	2002/0165870 A1	07-11-2002	Chakraborty et al.	
	US150	2002/0174030 A1	11-21-2002	Praisner et al.	
	US151	2002/0174415 A1	11-21-2002	Hines	
	US152	2003/0005168 A1	02-02-2003	Leerssen et al.	
	US153	2003/0028610 A1	02-06-2003	Pearson	
	US154	2003/0026431 A1	02-06-2003	Hammersmith	
	US155	2003/0037029 A1	02-20-2003	Holenstein et al.	
	US156	2003/0046176 A1	03-06-2003	Hynes	
	US157	2003/0046270 A1	03-06-2003	Leung et al.	
	US158	2003/0050919 A1	03-13-2003	Brown et al.	
	US159	2003/0061506 A1	03-27-2003	Cooper	
	US160	2003/0081785 A1	05-01-2003	Boneh et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	FP43					
	FP44					
	FP45					
	FP46					
	FP47					
	FP48					
	FP49					
	FP50					

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/676,474
Filing Date	September 30, 2003
First Named Inventor	Klimenty VAINSTEIN
Art Unit	2435
Examiner Name	Zee, Edward
Attorney Docket Number	2222.5450000

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U.S. PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US161	2003/0093457 A1	05-15-2003	Goldick	
	US162	2003/0095552 A1	05-22-2003	Bernhard et al.	
	US163	2003/0099248 A1	05-29-2003	Speciner	
	US164	2003/0110280 A1	06-12-2003	Hinchliffe et al.	
	US165	2003/0115218 A1	06-19-2003	Bobbitt et al.	
	US166	2003/0132949 A1	07-17-2003	Fallon et al.	
	US167	2003/0154396 A1	08-14-2003	Godwin et al.	
	US168	2003/0154401 A1	08-14-2003	Hartman et al.	
	US169	2003/0159048 A1	08-21-2003	Matsumoto et al.	
	US170	2003/0163704 A1	08-28-2003	Dick et al.	
	US171	2003/0165117 A1	09-04-2003	Garcia-Luna-Aceves et al.	
	US172	2003/0182310 A1	09-25-2003	Charnock et al.	
	US173	2003/0182584 A1	09-25-2003	Banes et al.	
	US174	2003/0204692 A1	10-30-2003	Tamer et al.	
	US175	2003/0208485 A1	11-06-2003	Castellanos	
	US176	2003/0220999 A1	11-27-2003	Emerson	
	US177	2003/0222141 A1	12-04-2003	Vogler et al.	
	US178	2004/0041845 A1	03-04-2004	Alben et al.	
	US179	2004/0049702 A1	03-11-2004	Subramaniam et al.	
	US180	2004/0064507 A1	04-01-2004	Sakata et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	FP49					
	FP50					
	FP51					
	FP52					
	FP53					
	FP54					
	FP55					
	FP56					

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U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
	US181	2004/0131191 A1	07-08-2004	Chen et al.	
	US182	2004/0186845 A1	09-23-2004	Fukui	
	US183	2004/0205576 A1	10-14-2004	Chikirivao et al.	
	US184	2004/0254884 A1	12-16-2004	Haber et al.	
	US185	2005/0050098 A1	03-03-2005	Barnett	
	US186	2005/0091289 A1	04-28-2005	Shappell et al.	
	US187	2005/0097061 A1	05-05-2005	Shapiro et al.	
	US188	2005/0168766 A1	08-04-2005	Troyansky et al.	
	US189	2005/0268033 A1	12-01-2005	Ogasawara et al.	
	US190	2006/0075258 A1	04-06-2006	Adamson et al.	
	US191	2006/0101285 A1	05-11-2006	Chen et al.	
	US192	2006/0149407 A1	07-06-2006	Markham et al.	
	US193	2006/0184637 A1	08-17-2006	Hultgren et al.	
	US194	2006/0277316 A1	12-07-2006	Wang et al.	
	US195	2007/0083575 A1	04-12-2007	Leung et al.	
	US196	2007/0192478 A1	08-16-2007	Louie et al.	
	US197	2007/0193397 A1	08-23-2007	Corenthin et al.	
	US198	2007/0294368 A1	12-20-2007	Bomgaars et al.	
	US199	2008/0075126 A1	03-27-2008	Yang	
	US200	2009/0254843 A1	10-08-2009	Van Wie et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	FP55					
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	FP61					
	FP62					

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Art Unit	2435
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Attorney Docket Number	2222.5450000

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U.S. PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code 2 (if known)			
	US201	2010/0047757 A1	02-25-2010	McCurry et al.	
	US202	2010/0199088 A1	08-05-2010	Nath	
	US203	5,267,313	11-30-1993	Hirata	
	US204	6,366,298 B1	04-02-2002	Haitsuka et al.	
	US205	6,587,878 B1	07-01-2003	Merriam	
	US206	6,591,295 B1	07-08-2003	Diamond et al.	
	US207	6,629,140 B1	09-30-2003	Fertell et al.	
	US208	6,990,441 B1	01-24-2006	Bolme et al.	
	US209	7,003,116 B2	02-21-2006	Riedel et al.	
	US210	7,343,488 B2	03-11-2008	Yadav	
	US211	7,484,245 B1	01-27-2009	Friedman et al.	
	US212	2002/0112048 A1	08-15-2002	Gruyer et al.	
	US213	2003/0061482 A1	03-27-2003	Emmerichs	
	US214	2003/0191938 A1	10-09-2003	Woods et al.	
	US215	2003/0154296 A1	08-14-2003	Noguchi et al.	
	US216	2003/0217282 A1	11-20-2003	Henry	
	US217				
	US218				
	US219				
	US220				

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	FP61					
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	FP65					
	FP66					
	FP67					
	FP68					

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Substitute for form 1449/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/676,474	
			Filing Date	September 30, 2003	
			First Named Inventor	Klimenty VAINSTEIN	
			Art Unit	2435	
			Examiner Name	Zec, Edward	
Sheet	1	of	2	Attorney Docket Number	2222.5450000

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	NPL1	Curtis et al., "Securing the Global, Remote, Mobile User," 1999 John Wiley & Sons, Ltd., Int. J. Network Mgmt. 9, pgs. 9-21	
	NPL2	"Secure Sockets Layer (SSL): How it Works," Verisign, http://www.verisign.com/ssl-information-center/how-ssl-security-works , pgs 1-2	
	NPL3	"Column Archives," Microsoft TechNet, Professor Windows, technet.microsoft.com/enus/library/bb878075.aspx , retrieved on December 3, 2009	
	NPL4	"Columns," Microsoft TechNet http://web.archive.org/web/20021014225142/www.microsoft.com/technet/columns/default.asp October 14, 2002, Retrieved from web.archive.org on December 3, 2009	
	NPL5	"eXperiencing Remote Assistance" Microsoft TechNet - Professor Windows October 2002 October 15, 2002 http://web.archive.org/web/20021015165237/www.microsoft.com/technet/columns/profwin/ , Retrieved from web.archive.org on December 3, 2009	
	NPL6	"Migrating Accounts From Windows NT 4.0 Domains to Windows 2000," Microsoft TechNet - Professor Windows April 2002, http://web.archive.org/web/20020415004611/www.microsoft.com/tech netcolu mns/profwin/ , April 15, 2002	
	NPL7	"Scripting Your Windows 2000 Network, Part 1" Microsoft TechNet - Professor Windows June 2002, http://web.archive.org/web/20020622055532/www.microsoft.com/technet/columns/profwin/ Retrieved from web.archive.org on December 3, 2009	
	NPL8	"WayBack Machine" web.archive.org , http://web.archive.org/web/*/http://www.microsoft.com/technet/columns/profwin/ , Retrieved on December 3, 2009	
	NPL9	English language translation (unverified, machine-generated) of Japanese Patent Publication No. JP 2006-244044, Japanese Patent Office, Patent & Utility Model Gazette DB, 2006	
	NPL10	English language translation (unverified, machine-generated) of Japanese Patent Publication No. 2009-020720, Japanese Patent Office, Patent & Utility Model Gazette DB, 2009	

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				Art Unit	2435
				Examiner Name	Zec, Edward
Sheet	2	of	2	Attorney Docket Number	2222.5450000

NON PATENT LITERATURE DOCUMENTS			
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	NPL11	English language abstract for Japanese Appl. No. 2001-036517, filed February 9, 2001, 1 pg.	
	NPL12	Botha et al., "Access Control in Document-Centric Workflow Systems- An Agent-Based Approach," Computers & Security, vol. 20:6, September 2001, pgs. 525-532.	
	NPL13	Botha et al., "Separation of Duties for Access Control Enforcement in Workflow Environments," IBM, 2001.	
	NPL14		
	NPL15		
	NPL16		
	NPL17		
	NPL18		
	NPL19		
	NPL20		

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